

**AMENDMENTS TO THE CLAIMS:**

Claims 1, 2, 5, 6, 7, 8 and 9 were amended in the Amendment of October 23, 2002. Claims 10-18 are added. The following is the status of the claims of the above-captioned application, as amended.

1. (Previously presented.) A composition comprising an enzyme encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.
2. (Previously presented.) A composition comprising a surfactant and at least one compound encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.
3. (Original.) The composition of claim 2, wherein the compound is an enzyme.
4. (Original.) The composition of claim 2, wherein the composition is a detergent.
5. (Previously presented.) A method comprising the steps of:
  - (a) encapsulating at least one compound in a vesicle, and
  - (b) adding the vesicle to a surfactant containing composition, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.
6. (Previously presented.) A method for preventing a compound from reacting with other compounds, comprising encapsulating the compound in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the

group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

7. (Previously presented.) The method of claims 5 or 6, wherein the compound is an enzyme.

8. (Previously presented.) A method for improving the stability of an enzyme, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

9. (Previously presented.) A method of preventing an enzyme from reacting with other compounds, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

10. (New.) A composition comprising an enzyme encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

11. (New.) A composition comprising a surfactant and at least one compound encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

12. (New.) The composition of claim 11, wherein the compound is an enzyme.

13. (New.) The composition of claim 11, wherein the composition is a detergent.

14. (New.) A method comprising the steps of:

- (a) encapsulating at least one compound in a vesicle, and
- (b) adding the vesicle to a surfactant containing composition,

wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

15. (New.) A method for preventing a compound from reacting with other compounds, comprising encapsulating the compound in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

16. (New.) The method of claims 14 or 15, wherein the compound is an enzyme.

17. (New.) A method for improving the stability of an enzyme, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

18. (New.) A method of preventing an enzyme from reacting with other compounds, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.